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anti-SGK3 antibody (AA 1-150)





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Quantity:	100 μL	
Target:	SGK3	
Binding Specificity:	AA 1-150	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SGK3 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), ELISA	

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase Sgk3 protein (1-150AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Antigen Affinity Purified	

Target Details

Target:	SGK3
Alternative Name:	SGK3 (SGK3 Products)
Background:	Background: Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, proliferation, survival and migration. Up-

regulates Na+ channels: SCNN1A/ENAC and SCN5A, K+ channels: KCNA3/KV1.3, KCNE1, KCNQ1 and KCNH2/HERG, epithelial Ca2+ channels: TRPV5 and TRPV6, chloride channel: BSND, creatine transporter: SLC6A8, Na+/dicarboxylate cotransporter: SLC13A2/NADC1, Na+-dependent phosphate cotransporter: SLC34A2/NAPI-2B, amino acid transporters: SLC1A5/ASCT2 and SLC6A19, glutamate transporters: SLC1A3/EAAT1, SLC1A6/EAAT4 and SLC1A7/EAAT5, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na+/H+ exchanger: SLC9A3/NHE3, and the Na+/K+ ATPase. Plays a role in the regulation of renal tubular phosphate transport and bone density. Phosphorylates NEDD4L and GSK3B. Positively regulates ER transcription activity through phosphorylation of FLII. Negatively regulates the function of ITCH/AIP4 via its phosphorylation and thereby prevents CXCR4 from being efficiently sorted to lysosomes.

Aliases: CISK antibody, Cytokine independent survival kinase antibody, DKFZp781N0293 antibody, Serine/threonine protein kinase Sgk3 antibody, Serine/threonine-protein kinase Sgk3 antibody, Serum/glucocorticoid regulated kinase 3 antibody, Serum/glucocorticoid regulated kinase family member 3 antibody, Serum/glucocorticoid regulated kinase like antibody, Serum/glucocorticoid-regulated kinase-like antibody, SGK 2 antibody, SGK 3 antibody, SGK2 antibody, SGK3 antibody, SGK3_HUMAN antibody, SGKL antibody

UniProt:

Q96BR1

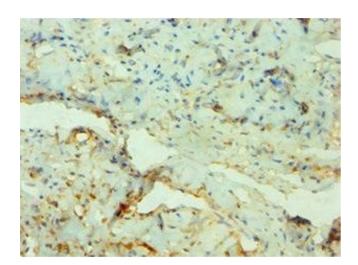
Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human cervical cancer using ABIN7169180 at dilution of 1:100